To: 'David Davis'[drdavis@blm.gov]; Rodriguez, Dante[Rodriguez.Dante@epa.gov]; Jack Oman[Jack.Oman@bp.com]
Cc: Taurus Massey[tmassey@singatsepeakservices.com]
From: Jeryl Gardner
Sent: Mon 6/20/2016 11:36:43 PM
Subject: RE: SPS Enhanced Evap Study
removed.txt

.....
;;;;;
Hi Dave,

The precipitate will not be removed.

It will stay where it is and become part of the HLP surface again.

(Remember it originates from the HLP anyway.)

Just like with the majority of the HLP surface, incipient moisture will pool, then evaporate, leaving the precipitates in the same form prior to the moisture.

This occurs pretty rapidly, from what I observed, less than a day is all it takes to crust up.

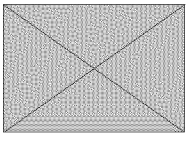
Taurus, if you have any further comments to share feel free.

It's going to be a while before I get to the video; way too much on my plate currently.

Jeryl

Jeryl R. Gardner, P.E., C.E.M.

Abandoned Mine Lands Program Coordinator
Bureau of Corrective Actions, NDEP
901 S. Stewart St., Ste 4001
Carson City, NV 89701
775-687-9484
jgardner@ndep.nv.gov



From: David Davis [mailto:drdavis@blm.gov]
Sent: Monday, June 20, 2016 4:28 PM
To: Jeryl Gardner; Dante Rodriguez; Jack Oman
Cc: Taurus Massey
Subject: RE: SPS Enhanced Evap Study

Thanks for the update Jeryl. Glad to hear that the precipitate shouldn't be carried away by the wind. So what happens to the crusted precipitate on top of the help? Is it removed and if not, can it go back into solution with a rain event, thus adding it back to the system? Looking forwardto seeing the video.

Dave

Sent from my Verizon, Samsung Galaxy smartphone

-------- Original message --------

From: Jeryl Gardner <JGARDNER@ndep.nv.gov>

Date: 6/20/16 12:58 PM (GMT-08:00)

To: Dave Davis <drdavis@blm.gov>, Dante Rodriguez <rodriguez.dante@epa.gov>, Jack Oman <Jack.Oman@bp.com>

Cc: Taurus Massey <tmassey@singatsepeakservices.com>

Subject: SPS Enhanced Evap Study

-------- Original message --------

From: Jeryl Gardner <JGARDNER@ndep.nv.gov>

Date: 6/20/16 12:58 PM (GMT-08:00)

To: Dave Davis <drdavis@blm.gov>, Dante Rodriguez <rodriguez.dante@epa.gov>, Jack Oman <Jack.Oman@bp.com>

Cc: Taurus Massey <tmassey@singatsepeakservices.com>

Subject: SPS Enhanced Evap Study

Hi,

I was at the Anaconda Site last Wednesday, and witnessed the EE Study operations, among other things.
The precipitates generated after drying out are heavily crusted and agglomerated, so the chances of them being wind-blown are next to zero.
The system itself operated effectively, especially the "atomizer" spray heads, which SPS is converting all heads to.
We watched it operate in a steady 20 mph wind, and it still functioned well.
I inspected sprinkler heads for precipitate build up and there was essentially none.
For now anyway, I think our original worries of system O&M challenges are much less, if not completely put to rest.
Time will tell, but the system is working very well now.
I took a video but haven't had a chance to download it yet.

PS: OU-4 drilling operations were progressing smoothly, on schedule.

Jeryl

Jeryl R. Gardner, P.E., C.E.M.
Abandoned Mine Lands Program Coordinator
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jgardner@ndep.nv.govjgardner@ndep.nv.gov>

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